

Title (en)
Handheld engine-driven cutter

Title (de)
Tragbare motorangetriebene Säge

Title (fr)
Scie à moteur portable

Publication
EP 2529869 A1 20121205 (EN)

Application
EP 12182441 A 20110302

Priority
• EP 11156584 A 20110302
• JP 2010046692 A 20100303

Abstract (en)
A handheld engine-driven cutter is provided with a disk blade and a four-stroke engine that drives the disk blade. By employing the four-stroke engine, exhaustion of unburned gas and fuel consumption can be reduced. The engine cutter is further provided with a filter through which air provided to the four-stroke engine passes, a carburetor that mixes fuel and the air that passed through the filter, and a casing that houses the filter and the carburetor. The filter and the carburetor are arranged to align on a straight line along a direction of flow of the air passing through the filter and the carburetor.

IPC 8 full level
B23D 45/16 (2006.01); **B28D 1/04** (2006.01)

CPC (source: EP US)
B23D 45/16 (2013.01 - EP US)

Citation (applicant)
JP 2007528792 A 20071018

Citation (search report)
• [L] EP 2363232 A1 20110907 - MAKITA CORP [JP]
• [XA] WO 2005056225 A1 20050623 - ELECTROLUX AB [SE], et al
• [X] GB 2401909 A 20041124 - STIHL AG & CO KG ANDREAS [DE]
• [A] DE 202004007538 U1 20040909 - SCHWARZ THORSTEN [DE]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2363232 A1 20110907; EP 2363232 B1 20121017; BR PI1101045 A2 20120918; BR PI1101045 B1 20201124; CN 102189604 A 20110921; CN 102189604 B 20160525; EP 2529869 A1 20121205; EP 2529869 B1 20170621; EP 2535133 A1 20121219; EP 2535133 B1 20160720; JP 2011177864 A 20110915; JP 5457886 B2 20140402; RU 2011108232 A 20120910; US 2011214298 A1 20110908; US 8793885 B2 20140805

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